

Co/a

PTO/SB/21 (09-06)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/676,169 (Patent No. 7,087,535)
	Filing Date	September 30, 2003 (issued August 8, 2006)
	First Named Inventor	Garo J. Derderian et al.
	Art Unit	1762
	Examiner Name	Bret P. Chen
Total Number of Pages in This Submission	Attorney Docket Number	MI22-2373

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Return Receipt Postcard Request for Certificate of Correction Certificate of Correction in duplicate Copy of initialed Form PTO-1449
Remarks Customer No. 021567		

Certificate

APR 11 2007

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Wells St. John P.S.	
Signature		
Printed name	James E. Lake	
Date	06 Apr 2007	Reg. No. 44,854

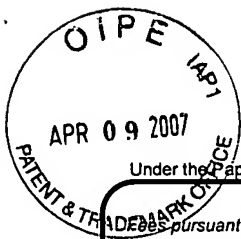
of Correction

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature		
Typed or printed name	Racquel M. Esplin	Date 4/6/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004. Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Complete if Known	
FEE TRANSMITTAL For FY 2007		Application Number	10/676,169 (Pat No. 7,087,535)
		Filing Date	Sept. 30, 2003 (issued 8/8/06)
		First Named Inventor	Garo J. Derderian et al.
		Examiner Name	Bret P. Chen
		Art Unit	1762
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	MI22-2373
TOTAL AMOUNT OF PAYMENT		(\$)	100.00

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	0
Plant	200	100	300	150	160	80	0
Reissue	300	150	500	250	600	300	0
Provisional	200	100	0	0	0	0	0

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims - 20 or HP = _____ x _____ = 0
HP = highest number of total claims paid for, if greater than 20.

Indep. Claims - 3 or HP = _____ x _____ = 0
HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	0

4. OTHER FEE(S)

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	0
Other (e.g., late filing surcharge): Request for Certificate of Correction - Applicant and PTO Mistakes	100

SUBMITTED BY		
Signature		Registration No. 44,854
Name (Print/Type)	James E. Lake	Telephone (509) 624-4276
		Date 06 Apr 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. 7,087,535 B2
Patent Issue Date August 8, 2006
Application Serial No. 10/676,169
Filing Date September 30, 2003
Assignee Micron Technology, Inc.
Inventorship Garo J. Derderian et al.
Attorney's Docket No. MI22-2373
Title: Deposition Methods

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR
APPLICANT MISTAKES and PTO MISTAKES (37 C.F.R. §§ 1.322(a) and 1.323)**

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: Decision and Certificate of Correction
Branch of the Patent Issue Division

From: James E. Lake (Tel. 509-624-4276; Fax 509-838-3424)
Wells St. John P.S.
601 W. First Avenue, Suite 1300
Spokane, WA 99201-3828

04/09/2007 WASHFAC 00000000 7087535
01 FC:1811 100.00 OP

Sir:

It is hereby requested that a Certificate of Correction be issued with respect to Patent No. 7,087,535 B2, granted August 8, 2006, in accordance with the Certificate of Correction form attached hereto in duplicate.

It is noted that errors appear in this patent of a typographical nature of character, as more fully described below. The errors occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination.

Other errors listed on the Certificate of Correction form were apparently incurred through the fault of the PTO as will be disclosed by the records of files

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in the Office, in particular, Applicant's Form PTO-1449 filed September 30, 2003 (initialed copy attached).

Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

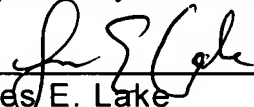
The exact page and line number where the errors occur in the application file are:

Page 14, line 12 in the specification/Column 6, line 49 of the issued patent; and

Page 17, line 15 in the specification/Column 7, line 64 of the issued patent.

Enclosed is a check in the amount of \$100.00, as required by 37 CFR 1.20(a).

Dated: 06 Apr 2007

Respectfully submitted,
By: 
James E. Lake
Reg. No. 44,854

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,087,535 B2

APPLICATION NO.: 10/676,169

DATED : August 8, 2006

INVENTOR(S) : Garo J. Derderian et al.

It is certified that an error or errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, References Cited, FOREIGN PATENT DOCUMENTS,
Replace "EP 0794588 10/1997"
With --EP 0794568 10/1997--

Page 2, OTHER PUBLICATIONS, please delete:
"U.S. Appl. No. 09/843,004, filed Aug. 2000, Mercaldi"

Column 6, line 49
Replace "chlorosilanes (SiHCl₃, SiH₂Cl₂, and SiH₃Cl) and methysi"
With --chlorosilanes (SiHCl₃, SiH₂Cl₂, and SiH₃Cl) and methylsi--

Column 7, line 64
Replace "conductive material 38 may comprise a storage node within"
With --conductive material 38 which may comprise a storage node within--

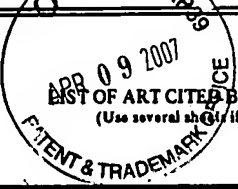
Column 8, claim 8, line 49
Replace "The deposition method of claim is 1, further comprising"
With --The deposition method of claim 1, further comprising--

Page
1 of 1

Mailing Address of Sender:

James E. Lake
Wells St. John P.S.
601 West First Avenue, Suite 1300
Spokane, WA 99201-3828

Patent No. US 7,087,535 B2

Form PTO-1449				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-2373		PRIORITY SERIAL NO. 10/261,735	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT Garo J. Dardarian			
						PRIORITY FILING DATE September 30, 2002		PRIORITY GROUP 1762	
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
7	AA	5,270,247	12/1993	Sakuma et al	—	—			
7	AB	6,270,572	08/2001	Kim et al	—	—			
7	AC	6,083,832	07/2000	Sugai	—	—			
7	AD	4,369,105	01/1983	Caldwell et al	—	—			
7	AE	4,831,003	05/1989	Lang et al	—	—			
7	AF	6,287,985	09/2001	Kang et al	—	—			
7	AG	5,480,618	01/1996	Matsumoto et al	—	—			
7	AH	6,203,613	03/2001	Gates et al	—	—			
7	AI	6,174,377	01/2001	Doering et al	—	—			
7	AJ	5,918,365	06/1999	Sherman	—	—			
7	AK	6,335,561	1/2002 03/2000	Sendhu Imoto	—	—			
	AL								
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Subclass	Translation		
							Yes	No	
7	AM	EP 0794568	10/1997	Europe	—	—			
7	AN	05-251339	09/1993	Japan	—	—			
	AO								
	AP								
	AQ								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
7	AR	Kiyoko et al., Patent Abstract Application No. 04-024917 (JP 9224917, 09/1993), "Semiconductor Substrate and its Manufacture."							
7	AS	Ritala, et al., "Atomic Layer Epitaxy - A Valuable Tool for Nanotechnology?" Nanotechnology, Vol. 10, No. 1, pps. 19-24, March 1999.							
7	AT	George, et al., "Surface Chemistry for Atomic Layer Growth", Journal of Physical Chemistry, Vol. 100, No. 31, pps. 13121-13131, August 1, 1996.							
7	AU	Suntola, "Atomic Layer Epitaxy", Handbook of Crystal Growth, Vol. 3, Chapter 14, pps. 602-663.							
7	AV	Vernon, S.M., "Low-cost, high-efficiency solar cells utilizing GaAs-on-Si technology." Dialog Abstract of Report No. NREL/TP-451-5353; 04/1993.							
EXAMINER		Michael Barr			DATE CONSIDERED 2/19/04				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-2373		PRIORITY SERIAL NO. 10/251,735	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gero J. Dardarian			
				PRIORITY FILING DATE September 30, 2002		PRIORITY GROUP 1762	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
7	AA	09/852,533		Sandhu	—	—	08/2000
7	AB	09/643,004		Mercaldi	—	—	08/2000
7	AC	09/927,230		Doan	—	—	08/2001
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER		Michael Barr			DATE CONSIDERED		
					2/19/04		
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							